Upper half of section on a north tributary of Squaw Cr. entering 2.0 miles east of Caribou Cr. Lower half of section on a south tribut-ary of Squaw Cr. entering UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY 1.95 miles east of Caribou Creek. 52AG_39 M. F. SILTSTONE Medium dark gray shale and silty shale containing thin and very thin, very fine-grained, arkosic sandstone layers. AND SHALE UPPER R E B EM Olive-gray, thin-bedded, arkosic sandstone. The sandstone is predominantly fine-grained but some medium-grained beds occur. The unit contains some siltstone and graywacke sandstone beds, and is pebbly in places. The basal beds have been severely contorted by early post-depositional slumping. Clastic dikes × 田 H occur. S H CO Z 4 M 9 Medium gray shale with ellipsoidal limestone concretions. or or 0 - cD H S A Z Dark gray and greenish-gray, thin-bedded shale with interbeds of siltstone, and a few of very fine-grained arkosic sandstone. Plant fragments and intraformational conglomerate occur in a SA 2 few beds. M Dark gray, thin-bedded, shale and siltstone containing medium and thick beds of olive-gray, medium-grained, feldspathic sand-4 4 stone. Siltstone beds in dark gray shale. Numerous bedded bluish-gray, spheroidal, lime-stone concretions. Numerous bedded bluish-0 Brownish-gray, lenticular, graywacke beds. Φ 0 Mes. loc. 24199 Inoceramus cf. I. Sagensis Owen Medium and dark gray silty shale, containing limest one concretions, thin sand-stone and siltstone layers, possible vol-canic ash layers, fossils, and a few plant fragments. An intraformational conglomerate occurs at one horizon. Mes. loc. 24200 0 CAMPANIAN Intraformational conglom-Mes.loc.24201,520,52MF erate with broken fragcouverensis witeaes
Pachydiscus cf. P.
suciaensis (Meek) ments of molluscan shelfs, D shale fragments. Layers of hard calcareous siltstone and very fine sandstone. - 4D 0 0 Mes. loc. 24198 Weathered volcanic ash ? 9 Limestone concretions bearing wood fragments. D = . 52AG_36 0 . 0 × 出 O TA CE ETA CR CO H Z m 4 TA × 4 A × Z 国 Z FEET CO 4000 Medium gray and brown-gray shale with some thin interbeds of siltstone, and a few of fine- and medium-grained feldspathic sandstone. A conglomerate bed occurs which is in part intra-S 52AG_29 M. F. a formational. -3800 4 M H 3600 S 田 -3400 0 Very thin layers possibly of volcanic ash, and a feldspathic sandstone bed. - 3200 Mes. loc. 2h193,2h19h
Pachydiscus?
Inoceramus undulatoplicatus Roemer
Anomis charvancouve:
emsis daby
Mes. loc. 2h195
52AG_35 M. F.
Mes. loc. 2h196 00 141 533 -3000 +++ Large valves of Inoceramus undulato-plicatus. -2800 Reddish-brown weathering limestone concretions with well developed conestructure. **2000** -2600 Mes. loc. 24192
Mes. loc. 24191
Inoceramus undu
plicatus Roem
Pachydiscus ? AAA 2400 CID ONO (T) 2200 Medium and dark gray shale with LOWER SANTONIAN an an numerous limestone concretions. Some of the concretions show well developed cone-in-cone 2000 structure. At a few horizons occur thin layers of what may be volcanic ash. -1800 \$0.4 (This interval may include duplicated beds due to -1600 complex structure and poor exposures.) 1400 -1200 Large valves of σ. -1000 Inoceramus undulato-plicatus. Dicatus Roemer. Mes. loc. 24190
cf. Pachydesmoceras? Reddish-brown weathering limestone concretions with well developed cone--800 in-cone structure. Sandy limestone concretions. -600 Mesloc. 24189,520,21MF Inoceramus of Tehera way jumens is Tehera Mes.loc. 24188, 24233 CONTACIAN ASAL SANDSTONE MEMBER -400 Inoceramis of I Grayish-olive green, very fine-grained, arkosic sandstone. Fault may cut out up to 150 feet of strate, probably mainly sandstone. 01 Mes. loc. 24213 52AG_z82 M. F. 0 Medium-gray shale with a few limestone concretions. -200 4 Olive-gray, medium-bedded, fine-grained, pebbly, arkosic sandstone. 100 Pyroclastics and tuffaceous sediments. FORMATIO JURASSIC co . co RA TALKEETNA LOWER

This report is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and

nomenclature.